

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
AMENDMENT AFTER FINAL
Under 37 C.F.R. 1.116 - EXPEDITED PROCEDURE

In re Application of: Arsenault et al.

Date: December 30, 2003

Serial No. 09/534,898

Group Art Unit: 2614

Filed: March 24, 2000

For: Method and Apparatus for Transmission, Receipt,
Caching and Display of One-Way
Broadcast Programming and Data

Examiner: Hoye, Michael W.

FINAL AMENDMENT TRANSMITTAL LETTER

Assistant Commissioner for Patents
ATTN: BOX AF
Washington, DC 20231

Sir: Transmitted herewith is an amendment in the above-identified application.

☒ Applicant petitions for an extension of time for two (2) months(s) to respond to the Final Office Action dated July 30, 2003. If an additional extension of time is required, please consider this a petition therefor.

Fee \$ 420.00

☐ An extension for _____ months(s) has already been secured; the fee paid therefor of _____ is deducted from the total fee due for the total months of extension now requested. \$ _____
Extension fee due with this request \$ _____

☐ Applicant believes that no extension of time is required to respond to the Office Action dated _____. However, this conditional petition is being made to provide for the possibility that applicant has inadvertently overlooked the need for a petition for extension of time.


☐ No additional fee for claims is required.

☒ The fee for claims has been calculated as shown below:

		CLAIMS AS AMENDED					
		CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDITIONAL FEE	
TOTAL CLAIMS	23	minus	20*	=	0 x \$ 18.00	\$54.00	
INDEPENDENT CLAIMS	3	minus	3**	=	0 x \$ 80.00	\$00.00	
MULTIPLE DEPENDENT CLAIMS					+ \$ 270.00	\$00.00	
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT:						<u>\$ 474.00</u>	

Charge \$ 474.00 to Deposit Account No. 50-0383 of Hughes Electronics Corporation, El Segundo, California. Please charge any additional fees for claims or credit overpayment to Deposit Account No. 50-0383. If any additional extension fee is required, please charge to Deposit Account No. 50-0383

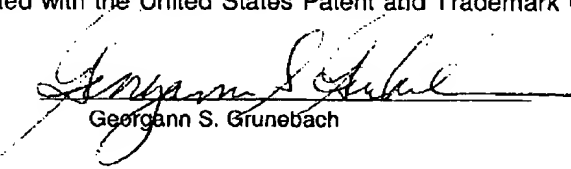
Respectfully submitted,


Georgann S. Grunebach, Registration No.: 33,179
Attorney for Applicant(s)

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Patent and Trademark Office via Facsimile Transmittal on December 30, 2003.

CUSTOMER NUMBER 020991
HUGHES ELECTRONICS CORPORATION
Bldg. RE R11, M/S A109
2250 East Imperial Highway
El Segundo, CA 90245-0956
Telephone: 310/964-4615
Date: December 30, 2003


Georgann S. Grunebach

* If less than 20, insert 20
** If less than 3, insert 3

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DIRECTV.

EXAMINER MICHAEL W. MOYE
UNITED STATES PATENT AND TRADEMARK OFFICE
c/o Supervisory Ex. JOHN MILLER
To: Commissioner of Patents

Fax: (703) 872-9314

Company:

Phone: (703) 305-6954

Pages: Cover + TRANSMITTAL LTR + AM. AFF. FWA Date: December 30, 2003

1 + 1 + 10 + 2 = 14

From: Georgann Grunebach

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REG. NO 3317A

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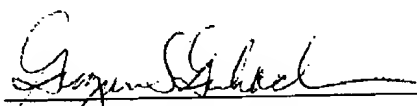
In Re Application: ARSENAULT ET. AL.
SERIAL No. 09/534,898
FILED: MARCH 24, 2000
FOR: METHOD AND APPARATUS FOR
TRANSMISSION, RECEIPT, CATCHING
AND DISPLAY OF ONE-WAY BROADCAST
PROGRAMMING AND DATA

PLEASE FIND ATTACHED TRANSMITTAL LETTER, AMENDMENT AFTER
FINAL AND INTERVIEW SUMMARY: Respectfully Submitted,

GEORGANN S. GRUNEBAUGH

If you do not receive all pages, or pages are not clear, please call Ruby at (310) 726-4747.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s)	: Arsenault et al.) I hereby certify that this paper (and/or
U.S. Serial No.	: 09/534,898) fee) is being deposited with the United
Filed	: March 24, 2000) States Patent and Trademark Office
Title	: Method and Apparatus for) via Facsimile Transmittal to Phone
	Transmission, Receipt,) Number (703) 872-9314 on this date:
	Caching and Display of)
	One-Way Broadcast) Dated: December 30, 2003
	Programming and Data)
Art Unit	: 2614) 
Examiner	: Hoye, Michael W.) Georgann S. Grunebach
) Registration No. 33,179

INTERVIEW SUMMARY UNDER 37 C.F.R. § 1.133

Mail Stop AF
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

On October 24, 2003, the undersigned held a scheduled telephone conference call with Examiners Michael Hoye and John Miller. Frankie Ho (Reg. No. 48,479) and Mark Zimmerman (Reg. No. 44,006) were also in attendance for the telephone conference call.

As an initial matter, the undersigned, Frankie Ho, and Mark Zimmerman would like to thank Examiners Hoye and Miller for their time and effort in preparation for and during the telephone conference call.

During the telephone conference call, the parties discussed refining the claim language for claims 1, 11, and 16 to obtain allowance of the above-referenced patent application. The claim language related to cache program data and boot objects were discussed. While no agreement was reached regarding particular claim language, the Hawkins et al. (U.S. Patent No. 6,005,561) and Wood et al. (U.S. Patent Application Publication No. US 2002/0054752) references were discussed, as was general nature of claim

amendments to focus on cache program data to more clearly define over Hawkins et al. and
Wood et al.

Respectfully submitted,

Dated: December 30, 2003



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